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*CALIFORNIA MEETING OF THE GEOLOGICAL SOCIETY OF AMERICA*

THE business sessions of the summer meeting of the society are to be held as planned at the University of California and Leland Stanford Junior University, August 3-5, 1915, in affiliation with the American Association for the Advancement of Science.

The sessions of Tuesday and Wednesday, August 3 and 4, will be held at the University of California and that of Thursday, August 5, will be held at Stanford University. Morning sessions at Berkeley will begin at 10 o'clock; Stanford University, at 10:30 o'clock. Afternoon sessions open at 2 o'clock. Train leaves San Francisco 9 A.M., arriving Palo Alto at 9:54.

The society's subscription dinner will be held at the Engineers Club, San Francisco, at 7 o'clock on the evening of Wednesday, August 4. The price is \$1.50 per plate. Early notice of intention to participate in the dinner should be sent to the secretary of the Cordilleran Section, Mr. J. A. Taff, 781 Flood Building, San Francisco.

Excursions, August 6, to Point Reyes Station, Marin County, for an examination of the San Andreas earthquake rift and to Mussel Rock, San Mateo County, for an examination of Pliocene strata, the type section of Merced formation and the post-Tertiary deformation of the coast.

August 7 to Santa Cruz for an examination of uplifted marine terraces.

August 9 and 10 (with the Paleontological Society) to Mount Diablo for an examination of the Mount Diablo overthrust and the succession of Tertiary strata and to Walnut Creek.

August 11 and following days, to Yosemite with F. E. Matthes and E. C. Calkins.

The Shattuck Hotel at Berkeley has been selected for the hotel headquarters where rooms may be had from \$1.50 up. Reservations should be made in advance. For a complete list of hotels with rates see *SCIENCE*, Vol. XLI., No. 1068, June 18, 1915, page 893.

Information regarding railroad routes and rates from the east may be gathered from

*SCIENCE*, Vol. XLI., No. 1069, June 25, 1915, page 935.

The principal features of the program are the following symposia:

On Erosion and Deposition in Arid Climates, led by H. E. Gregory.

On Diastrophism of the Pacific Coast, led by Andrew C. Lawson.

On Petrological Problems of the Pacific Area, led by R. A. Daly.

On Seismology of the Pacific Coast Region.

On Ore Deposits, led by C. F. Tolman.

The first four will be held at the University of California and the last at Leland Stanford Junior University. The afternoon session of Wednesday will be devoted to seismology.

The following titles have been submitted thus far, others may be included in the daily program.

John D. Clark (introduced by C. F. Tolman, Jr.), "The Role of Colloidal Migration in Ore Deposits" (15 minutes).

William Herbert Hobbs, "Origin of the Basins within the Hamada of the Libyan Desert" (20 minutes).

William Herbert Hobbs, "Limited Effective Vertical Range of the Desert Sand-blast, Based upon Observations made in the Libyan Desert and in the Anglo-Egyptian Sudan" (20 minutes).

J. C. Jones (introduced by J. C. Merriam) "Origin of the Tufas of Lake Lahontan" (20 minutes).

Andrew C. Lawson, "The Profiles of the Desert" (30 minutes).

George D. Louderback, "Structural Features of the Tsin Ling Shan" (60 minutes).

J. C. Ray (introduced by C. F. Tolman, Jr.), "Examples of Successive Replacement of Earlier Sulphide Minerals by later Sulphides at Butte, Montana" (lantern slides, 15 minutes).

A. F. Rogers (introduced by C. F. Tolman, Jr.), "Sericite, a Low Temperature Hydrothermal Mineral" (lantern slides, 20 minutes).

C. F. Tolman, Jr., "Bajadas of the Santa Catalina Mountains, Arizona" (20 minutes).

C. F. Tolman, Jr., "Chemical Interpretation of Certain Data Furnished by the Microscopic Investigation of Ores" (lantern slides, 30 minutes).

Harry O. Wood (introduced by A. C. Lawson), "On a Possible Causal Mechanism for Heave Fault-slipping in the California Coast Range Region" (30 minutes).

S. W. Young (introduced by C. F. Tolman, Jr.), "Certain Chemical Factors Governing Secondary Enrichment" (45 minutes).

Inasmuch as the secretary of the society is now leaving on an expedition which will keep him out of the country for about three months, requests for further information regarding the summer meeting of the society should be sent to Mr. Taff at the address given above. Additional titles of papers to be presented at the meeting should likewise be sent to him direct.

The summer meeting of the Paleontological Society will be held at Berkeley and Stanford University in affiliation with the Geological Society on the same dates. Details of the program and excursions may be learned from Dr. R. S. Bassler, U. S. National Museum, Washington, D. C., or Dr. J. C. Merriam, Leland Stanford Junior University, Stanford University, California.

The meeting of Section E of the American Association for the Advancement of Science will be merged in that of the Geological Society of America. Members of the section are cordially invited to attend the sessions and take part in the open discussions.

EDMUND OTIS HOVEY,  
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NEW YORK

#### SCIENTIFIC NOTES AND NEWS

DR. RICHARD H. CREEL, of the United States Public Health Service, has, after first declining on account of his health, now accepted the appointment as health commissioner of the city of Boston.

THE American Ambassador to France presented on June 24 the American Geographical Society's gold medal to M. Vidal de Lablache, the distinguished French geographer.

THE British Institution of Mining Engineers has awarded its medal this year to Dr. J. S. Haldane, F.R.S., in recognition of his work on the causes of death in colliery explosions and other subjects connected with mines.

PROFESSOR MILTON J. ROSENAU, of the Harvard Medical School, has been elected president

of the American Society of Tropical Medicine.

At the annual meeting of the American Surgical Association held in Rochester, Minn., last month, the following officers were elected: President, Dr. Robert G. Le Conte, Philadelphia; vice-presidents, Drs. Charles L. Gibson, New York City, and Archibald MacLaren, St. Paul; secretary, Dr. John H. Gibbon, Philadelphia; recorder, Dr. John F. Binnie, Kansas City, Mo.; and treasurer, Dr. Charles H. Peck, New York City. The 1916 meeting will be held in Washington.

DR. C. JUDSON HERRICK, professor of neurology in the University of Chicago, has been elected president of the honorary scientific society, Sigma Xi, at that institution. Director Edwin Brant Frost, of the Yerkes Observatory, has been elected vice-president.

MR. J. B. TYRRELL, of Toronto, was elected president of the Geological Section of the Royal Society of Canada at its recent annual meeting.

THE Alabama Polytechnic Institute has conferred the degree of doctor of science upon Altus Lacy Quaintance, in charge of deciduous fruit insect investigations in the U. S. Bureau of Entomology. Dr. Quaintance was at one time a student at this institution taking his master's degree there. This is the first doctorate of science conferred by the institution.

THE honorary degree of doctor of laws has been conferred by the University of Cambridge on Professor G. B. Mathews, F.R.S., formerly fellow of St. John's College, Cambridge, and on Dr. G. S. Middleton, president of the Association of Physicians of Great Britain and Ireland.

At Cambridge University the Wiltshire prize in geology and mineralogy has been awarded to Mr. D. B. Briggs, of Jesus College. The Frank Smart prize in botany has been awarded to Mr. E. J. Maskell, Emmanuel College, and that in zoology to Mr. L. T. Hogben, of Trinity College.

PROFESSOR E. B. POULTON has been elected president of the Linnean Society.